

WIRELESS COMMUNICATIONS APPARATUS, METHODS AND COMPUTER
PROGRAM PRODUCTS USING BROADCAST CONTROL CHANNEL
MESSAGING

5

Abstract of the Disclosure

First, second and third classes of Packet System Information (PSI) messages
are transmitted on a Packet Broadcast Control Channel (PBCCH) of a General Packet
Radio Service (GPRS) wireless mobile packet data communications system at
respective first, second and third repetition rates. The PSI messages of the third class
10 may comprise Extremely Low Repetition (ELR) Payload messages including
embedded information from an application layer, such as a Location Services (LCS)
application layer. In some embodiments, a scheduling message may additionally be
transmitted on the PBCCH to indicates a schedule for transmission for the PSI
messages of the third class.

15